

**FIG. 1**

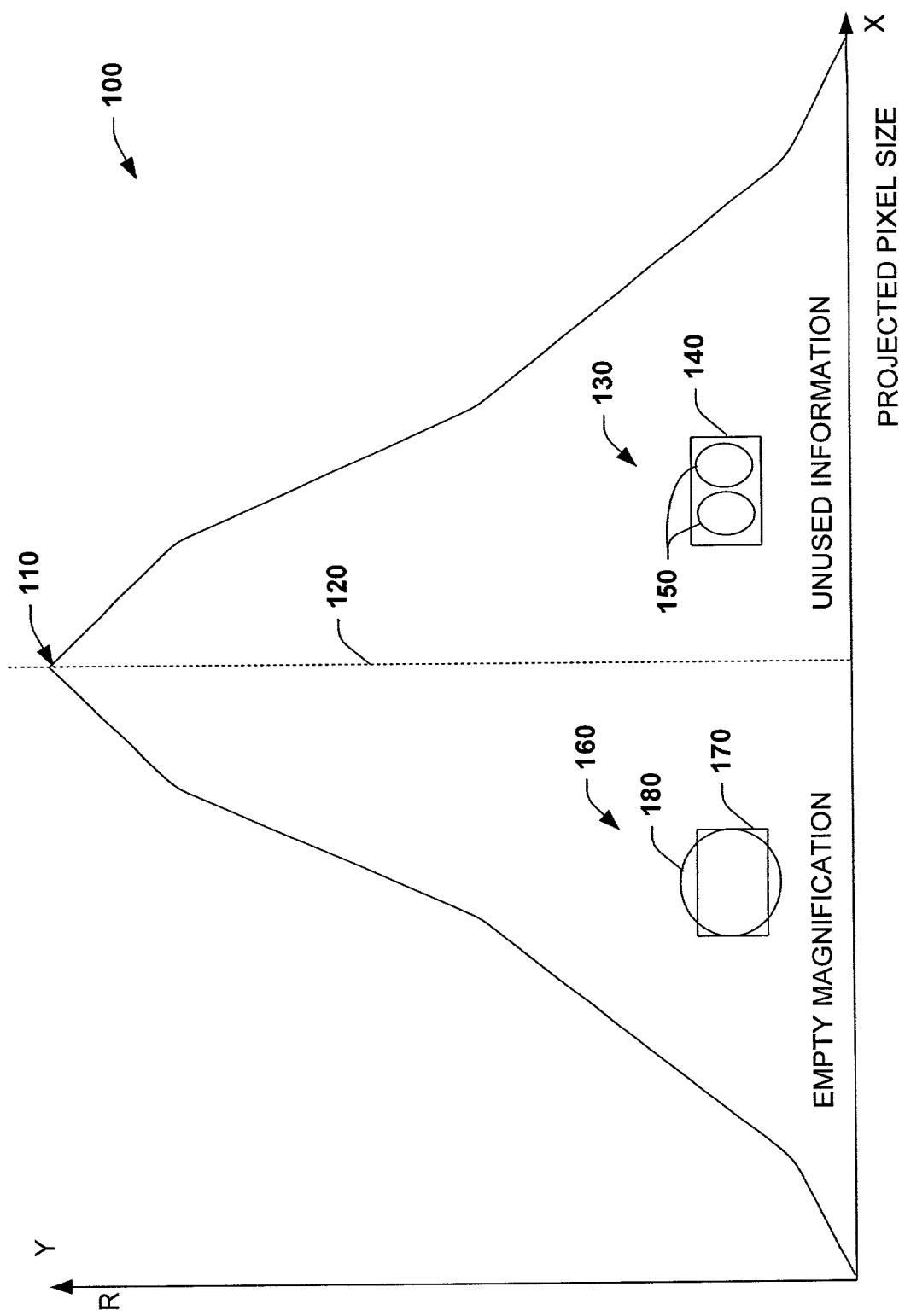
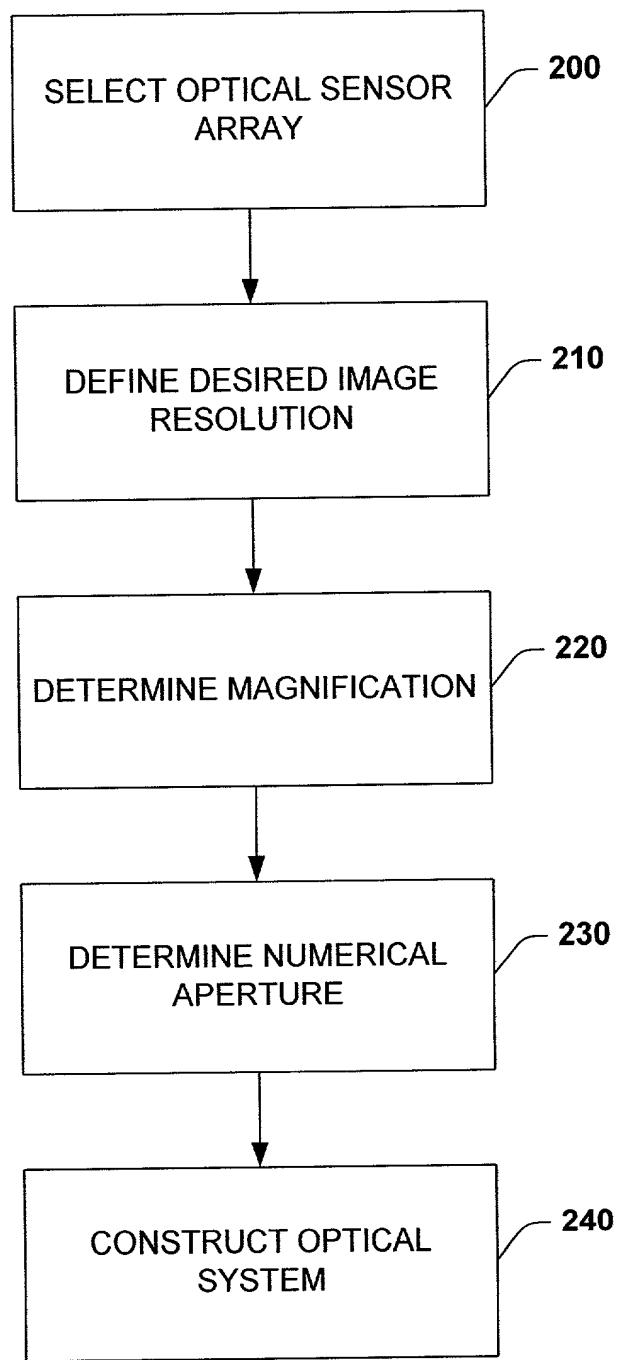


FIG. 2



**FIG. 3**

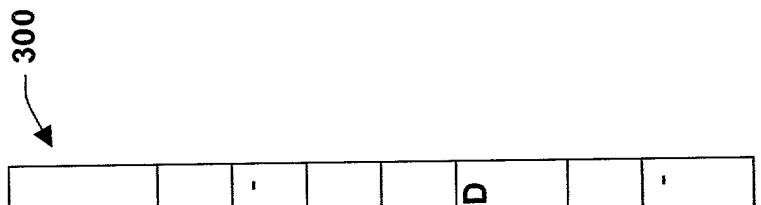


Diagram illustrating the optical system of a microscopy system. A lens with a focal length of 300 mm is positioned 13.0 mm from the sample stage. The working distance is 5.0 mm DRY space. The system is designed for a 200 nm typical resolution.

<b>Effective Resolved Magnification</b>	750 x – 1500 x nominal Effective Magnification	1500 x – 2500 x nominal Effective Magnification	2500 x – 5000 x nominal Effective Magnification
<b>Working Distance (mm)</b>	<b>13.0 mm DRY</b> space	<b>5.0 mm DRY</b> space	<b>0.5 mm DRY</b> space
<b>Absolute Spatial Resolution (nanometers)</b>	800 nm typical -	400 nm typical -	200 nm typical -
<b>Spatial Field Of View (mm)</b>	1.00 mm	0.500 mm	0.250 mm
<b>Conventional Objective employed</b>	10 x DRY	20 x DRY	40 x DRY
<b>Eyepiece (view or photographic)</b>	NOT EMPLOYED (DIGITAL DISPLAY)	NOT EMPLOYED (DIGITAL DISPLAY)	NOT EMPLOYED (DIGITAL DISPLAY)
<b>Depth Of Field (microns -<math>\mu</math>)</b>	16 $\mu$ -	6.25 $\mu$ -	2.5 $\mu$ -
<b>Absolute Spatial Resolution per Pixel at Sensor (nanometers)</b>	800 nm typical -	400 nm typical -	200 nm typical -

**Fig. 4**